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06/21/95RAW SEQUENCE LISTING
PATENT APPLICATION US/08/380,051

DATE: 06/20/95

TIME: 12:01:38

INPUT SET: S4268.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: MUKHERJEE, RANJAN
(ii) TITLE OF INVENTION: Human Peroxisome
Proliferator Activated
Receptor y

(iii) NUMBER OF SEQUENCES: 2

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Lyon & Lyon
(B) STREET: 633 West Fifth Street
Suite 4700
(C) CITY: Los Angeles
(D) STATE: California
(E) COUNTRY: U.S.A.
(F) ZIP: 90071-2066

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: IBM P.C. DOS 5.0
(D) SOFTWARE: Word Perfect 5.1

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/380,051
(B) FILING DATE: January 30, 1995
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Warburg, Richard J.
(B) REGISTRATION NUMBER: 32,327
(C) REFERENCE/DOCKET NUMBER: 210/100

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/380,051DATE: 06/20/95
TIME: 12:01:41

INPUT SET: S4268.raw

47 (ix) TELECOMMUNICATION INFORMATION:

48

49 (A) TELEPHONE: (213) 489-1600

50 (B) TELEFAX: (213) 955-0440

51 (C) TELEX: 67-3510

52

53

54

55

56 (2) INFORMATION FOR SEQ ID NO: 1:

57

58 (i) SEQUENCE CHARACTERISTICS:

59

60 (A) LENGTH: 1641 base pairs

61 (B) TYPE: nucleic acid

62 (C) STRANDEDNESS: single

63 (D) TOPOLOGY: linear

64

65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

66

67 GAATTCGGGA CCCTCAACAC CACTCCCTCT TAGCCAATAT TGTGCCTATT 50

68

69 GCCATACTAG TCTTTGCGCC TGCGAAGCAG CGGTGGCCTA GCCCTACTAG 100

70

71 TCTCAATCTC CAACATATAT CGGCCTAGAC TACGTACATA ACCTAAACCT 150

72

73 ACTCCAATGC TAAAACTAAT CGTCCCTTTT CTCAAACGAG AGTCAGCCTT 200

74

75 TAACGAAATG ACCATGGTTG ACACAGAGAT GCCATTCTGG CCCACCAACT 250

76

77 TTGGGATCAG CTCCGTGGAT CTCTCCGTAA TGGAAGACCA CTCCCCTCC 300

78

79 TTTGATATCA AGCCCTTCAC TACTGTTGAC TTCTCCAGCA TTTCTACTCC 350

80

81 ACATTACGAA GACATTCCAT TCACAAGAAC AGATCCAGTG GTTGCAGATT 400

82

83 ACAAGTATGA CCTGAAACTT CAAGAGTACC AAAGTGCAAT CAAAGTGGAG 450

84

85 CCTGCATCTC CACCTTATTA TTCTGAGAAG ACTCAGCTCT ACAATAAGCC 500

86

87 TCATGAAGAG CCTTCCAAC CTCTCATGGC AATTGAATGT CGTGTCTGTG 550

88

89 GAGATAAAGC TTCTGGATTT CACTATGGAG TTCATGCTTG TGAAGGATGC 600

90

91 AAGGGTTTCT TCCGGAGAAC AATCAGATTG AAGCTTATCT ATGACAGATG 650

92

93 TGATCTTAAC TGTCGGATCC ACAAAAAAAG TAGAAATAAA TGTCAGTACT 700

94

95 GTCGGTTTCA GAAATGCCTT GCAGTGGGGA TGTCTCATAA TGCCATCAGG 750

96

97 TTTGGGCGGA TGCCACAGGC CGAGAAGGAG AAGCTGTTGG CGGAGATCTC 800

98

99 CAGTGATATC GACCAGCTGA ATCCAGAGTC CGCTGACCTC CGGGCCCTGG 850

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/380,051DATE: 06/20/95
TIME: 12:01:43

INPUT SET: S4268.raw

100
101 CAAAACATTT GTATGACTCA TACATAAAGT CCTTCCCGCT GACCAAAGCA 900
102
103 AAGGCGAGGG CGATCTTGAC AGGAAAGACA ACAGACAAAT CACCATTTCGT 950
104
105 TATCTATGAC ATGAATTCCT TAATGATGGG AGAAGATAAA ATCAAGTTCA 1000
106
107 AACACATCAC CCCCTGCAG GAGCAGAGCA AAGAGGTGGC CATCCGCATC 1050
108
109 TTTTCAGGGCT GCCAGTTTCG CTCCGTGGAG GCTGTGCAGG AGATCACAGA 1100
110
111 GTATGCCAAA AGCATTCTTG GTTTTGTAAG TCTTGACTTG AACGACCAAG 1150
112 TAACTCTCCT CAAATATGGA GTCCACGAGA TCATTACAC AATGCTGGCC 1200
113
114 TCCTTGATGA ATAAAGATGG GGTTCCTCATA TCCGAGGGCC AAGGCTTCAT 1250
115
116 GACAAGGGAG TTTCTAAAGA GCCTGCGAAA GCCTTTTGGT GACTTTATGG 1300
117
118 AGCCCAAGTT TGAGTTTGCT GTGAAGTTCA ATGCACTGGA ATTAGATGAC 1350
119
120 AGCGACTTGG CAATATTTAT TGCTGTCATT ATTCTCAGTG GAGACCGCCC 1400
121
122 AGGTTTGCTG AATGTGAAGC CCATTGAAGA CATTCAAGAC AACCTGCTAC 1450
123
124 AAGCCCTGGA GCTCCAGCTG AAGCTGAACC ACCCTGAGTC CTCACAGCTG 1500
125
126 TTTGCCAAGC TGCTCCAGAA AATGACAGAC CTCAGACAGA TTGTCACGGA 1550
127
128 ACACGTGCAG CTAAGTGCAG TGATCAAGAA GACGGAGACA GACATGAGTC 1600
129
130 TTCACCCGCT CCTGCAGGAG ATCTACAAGG ACTTGACTA G 1641
131
132
133
134
135

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 494 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Met Leu Lys Leu Ile Val Pro Phe Leu Lys Arg Glu Ser Ala Phe
5 10 15

RAW SEQUENCE LISTING PATENT APPLICATION US/08/380,051

DATE: 06/20/95
TIME: 12:01:46

INPUT SET: S4268.raw

153	Asn Glu Met Thr Met Val Asp Thr Glu Met Pro Phe Trp Pro Thr	
154		20 25 30
155		
156	Asn Phe Gly Ile Ser Ser Val Asp Leu Ser Val Met Glu Asp His	
157		35 40 45
158		
159	Ser His Ser Phe Asp Ile Lys Pro Phe Thr Thr Val Asp Phe Ser	
160		50 55 60
161		
162	Ser Ile Ser Thr Pro His Tyr Glu Asp Ile Pro Phe Thr Arg Thr	
163		65 70 75
164		
165	Asp Pro Val Val Ala Asp Tyr Lys Tyr Asp Leu Lys Leu Gln Glu	
166		80 85 90
167		
168	Tyr Gln Ser Ala Ile Lys Val Glu Pro Ala Ser Pro Pro Tyr Tyr	
169		95 100 105
170		
171	Ser Glu Lys Thr Gln Leu Tyr Asn Lys Pro His Glu Glu Pro Ser	
172		110 115 120
173		
174	Asn Ser Leu Met Ala Ile Glu Cys Arg Val Cys Gly Asp Lys Ala	
175		125 130 135
176		
177	Ser Gly Phe His Tyr Gly Val His Ala Cys Glu Gly Cys Lys Gly	
178		140 145 150
179		
180	Phe Phe Arg Arg Thr Ile Arg Leu Lys Leu Ile Tyr Asp Arg Cys	
181		155 160 165
182		
183	Asp Leu Asn Cys Arg Ile His Lys Lys Ser Arg Asn Lys Cys Gln	
184		170 175 180
185		
186	Tyr Cys Arg Phe Gln Lys Cys Leu Ala Val Gly Met Ser His Asn	
187		185 190 195
188		
189	Ala Ile Arg Phe Gly Arg Met Pro Gln Ala Glu Lys Glu Lys Leu	
190		200 205 210
191		
192	Leu Ala Glu Ile Ser Ser Asp Ile Asp Gln Leu Asn Pro Glu Ser	
193		215 220 225
194		
195	Ala Asp Leu Arg Ala Leu Ala Lys His Leu Tyr Asp Ser Tyr Ile	
196		230 235 240
197		
198	Lys Ser Phe Pro Leu Thr Lys Ala Lys Ala Arg Ala Ile Leu Thr	
199		245 250 255
200		
201	Gly Lys Thr Thr Asp Lys Ser Pro Phe Val Ile Tyr Asp Met Asn	
202		260 265 270
203		
204	Ser Leu Met Met Gly Glu Asp Lys Ile Lys Phe Lys His Ile Thr	
205		275 280 285

INPUT SET: S4268.raw

206															
207	Pro	Leu	Gln	Glu	Gln	Ser	Lys	Glu	Val	Ala	Ile	Arg	Ile	Phe	Gln
208					290					295					300
209															
210	Gly	Cys	Gln	Phe	Arg	Ser	Val	Glu	Ala	Val	Gln	Glu	Ile	Thr	Glu
211					305					310					315
212															
213	Tyr	Ala	Lys	Ser	Ile	Pro	Gly	Phe	Val	Asn	Leu	Asp	Leu	Asn	Asp
214					320					325					330
215															
216	Gln	Val	Thr	Leu	Leu	Lys	Tyr	Gly	Val	His	Glu	Ile	Ile	Tyr	Thr
217					335					340					345
218															
219	Met	Leu	Ala	Ser	Leu	Met	Asn	Lys	Asp	Gly	Val	Leu	Ile	Ser	Glu
220					350					355					360
221															
222	Gly	Gln	Gly	Phe	Met	Thr	Arg	Glu	Phe	Leu	Lys	Ser	Leu	Arg	Lys
223					365					370					375
224	Pro	Phe	Gly	Asp	Phe	Met	Glu	Pro	Lys	Phe	Glu	Phe	Ala	Val	Lys
225					380					385					390
226															
227	Phe	Asn	Ala	Leu	Glu	Leu	Asp	Asp	Ser	Asp	Leu	Ala	Ile	Phe	Ile
228					395					400					405
229															
230	Ala	Val	Ile	Ile	Leu	Ser	Gly	Asp	Arg	Pro	Gly	Leu	Leu	Asn	Val
231					410					415					420
232															
233	Lys	Pro	Ile	Glu	Asp	Ile	Gln	Asp	Asn	Leu	Leu	Gln	Ala	Leu	Glu
234					425					430					435
235															
236	Leu	Gln	Leu	Lys	Leu	Asn	His	Pro	Glu	Ser	Ser	Gln	Leu	Phe	Ala
237					440					445					450
238															
239	Lys	Leu	Leu	Gln	Lys	Met	Thr	Asp	Leu	Arg	Gln	Ile	Val	Thr	Glu
240					455					460					465
241															
242	His	Val	Gln	Leu	Leu	Gln	Val	Ile	Lys	Lys	Thr	Glu	Thr	Asp	Met
243					470					475					480
244															
245	Ser	Leu	His	Pro	Leu	Leu	Gln	Glu	Ile	Tyr	Lys	Asp	Leu	Tyr	
246					485					490					

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/380,051

DATE: 06/20/95
TIME: 12:01:51

INPUT SET: S4268.raw

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Original Text